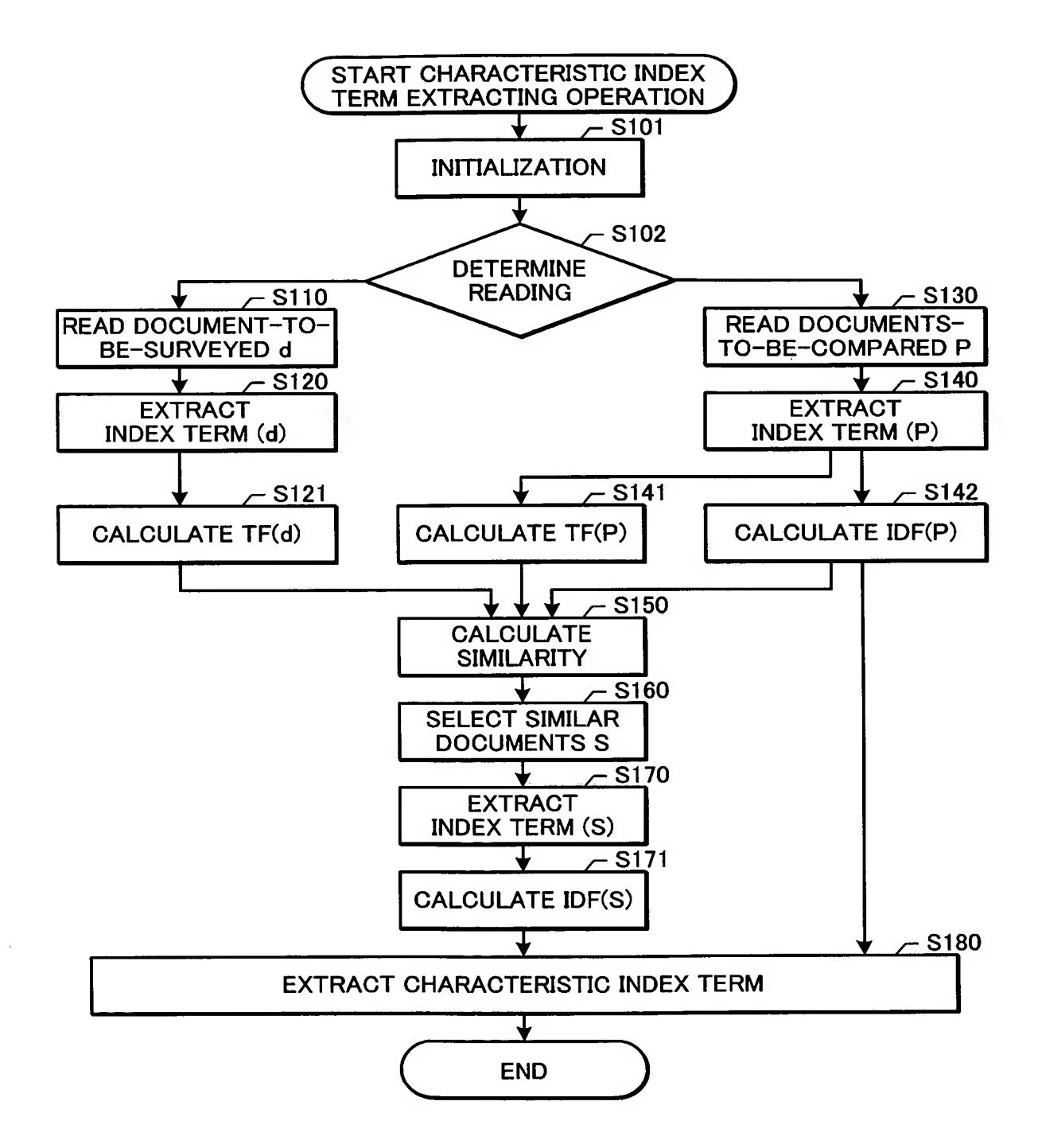
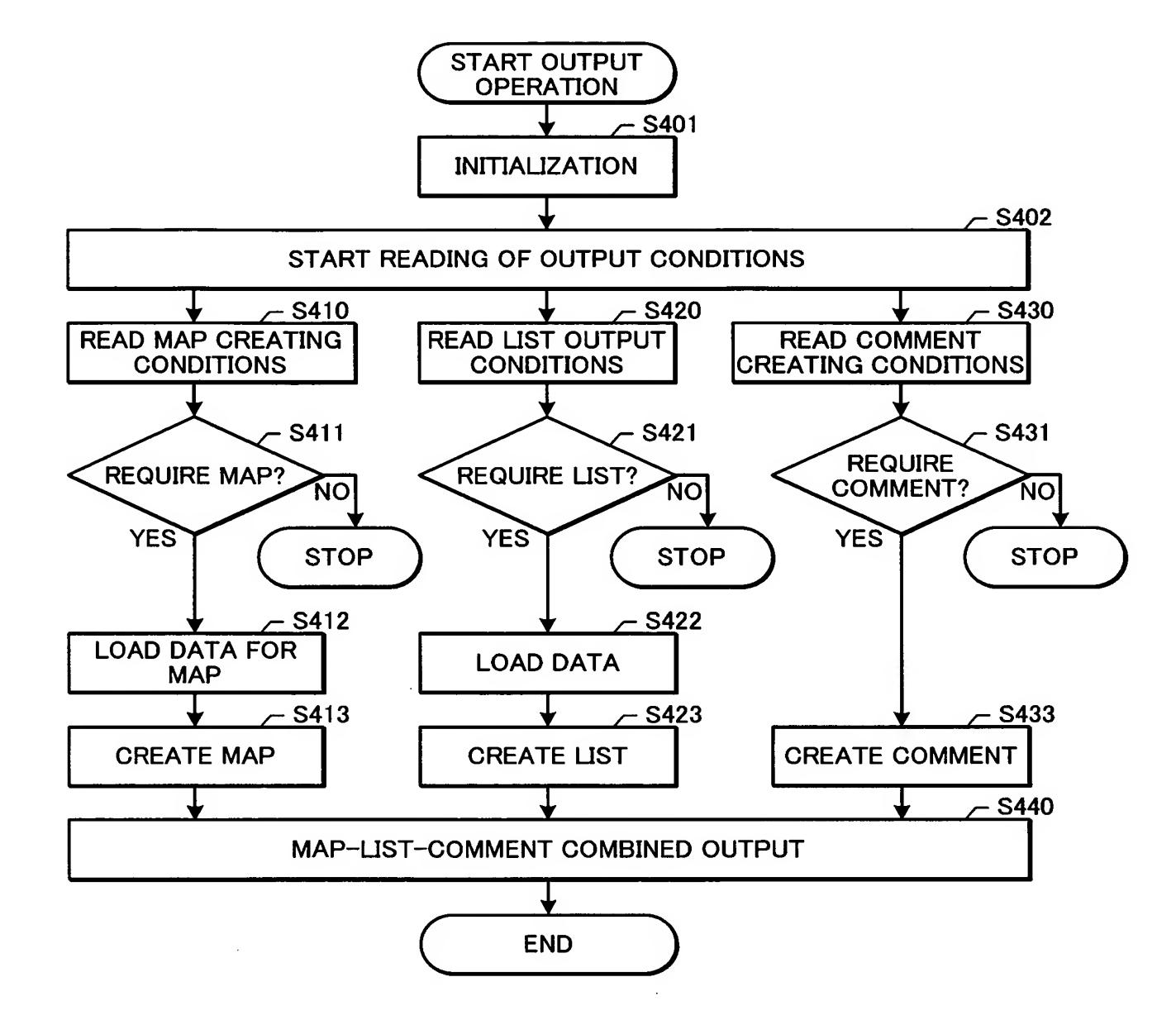


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CHARACTERISTIC INDEX TERM EXTRACINATION SETTING	(1)			
SELECT CONDITIONS IN THE WINDOWS BELLOW	BACK			
TARGET DOCUMENT document to be surveyed documents—to-be-compared DOCUMENT TYPE registered patents utility models	company DB1 company DB2 JPO IPDL PATOLIS other commercially available DB1 other commercially available DB2			
academic documents	CD MO	Document 2	2 [
	DVD others	Document 5	<u>4</u> [
		Document 6	6 C	

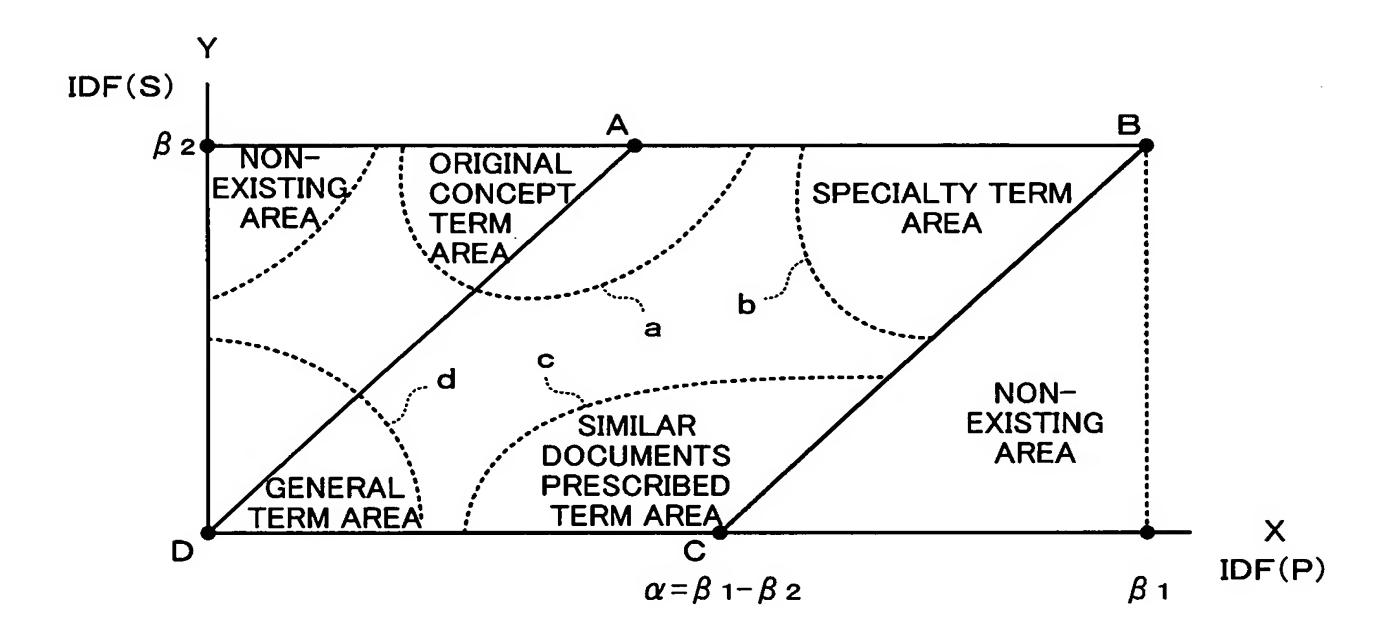
FIG. 7

CHARACTERISTIC INDEX TERM EXTRACTING DEVICE INPUT CONDITION SETTING (2) BACK SELECT CONDITIONS IN THE WINDOWS BELLOW SET					
TARGET DOCUMENT	EXTRACTION CONTENT		DATA READ		
document-to-be-surveyed	claims		company Dist		
	related art		company DB2		
	object of the invention		JPO IPDL		
DOCUMENT TYPE	means and effect		PATOLIS		
unexaminer pareins	embodiments		other commercially available DB1		
registered patents	description of the drawings				
utility models	drawings		other commercially available DB2		
academic documents	abstract		FD		
	bibliographic items		CD		
	procedural information		МО		
	registration information		DVD		
	others		others		

EXTRACT CO	X TERM EXTRACTING DEVICE NDITION SETTING BACK	
SELECT CONDITIONS IN THE WIN	NDOWS BELLOW SET	
INDEX TERM EXTRACTING CONDITION	SIMILAR DOCUMENTS SELECTING CONDITION	
internal keyword clipping 2 external keyword clipping 1 external keyword clipping 2 SIMILARITY CALCULATION METHOD	number of similar documents number of non-similar documents	top 100 cases top 1000 cases top 5000 cases numerical input
similarity 2 similarity 3 similarity 4 similarity 5 similarity 6		

FIG. 9

	DEX TERM EXTRACTING DEVICE CONDITION SETTING BACK WINDOWS BELLOW SET		
MAP CALCULATION INFORMATION	OUTPUT DATA		
WAR WAS AND FOR PORTUGATION OF THE PORTUGATION OF T	original concept terms	none	
Waxis/ADF/S	specialty terms		
	similar documents prescribed terms	top 10 terms	
MAP FORMAT	COMMENT	top 15 terms	
A map	(free entry)		
2 maps		numerical input	
1 map with list			
2 maps with list			
1 map with comment			
2 maps with comment			
1 map with list and comment			
2 maps with list and comment			



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"External Auxiliary Storage Device" Extracted up to 20 words from each area

Order of	a:Original concept	b:Specialty	c:Similar documents	d : General
X' value	terms	terms	prescribed terms	terms
1 1	picture		contents	aforesaid
2	hologram		editing	provide
3	symbol	!	expression	claim
4	IC		server	item
5	all		acquire	describe
6	compatibility		network	said
7	net	4	sound	keep
8	card		computer	use
9	notice		request	change
10	each		program	connection
11	wireless		communication	possible
12	character		person	device
13	exterior surface		every	plural
14	melody		electronic	means
15	plastic		medium	output
16	transmit		utilize	correspond
17	print		function	external
18	calculation		external	function
19	expected		record	selection
20	communication		system	processing



"Urgent Message"
Extracted up to 20 words from each area

Order of	a : Original	b:Specialty	c:Similar documents	d:General
X' value	concept terms	terms	prescribed terms	terms
1 1	differential	fire department	situation	structure
2	well-known		message	in
. 3	procedures		urgent	characterized
4	database		center	provide
5	accumulation		telephone	claim
6	refer		outgoing	item
7	OFF		mobile	describe
8	around		station	position
9	ON		sound	move
10	identify		communication	said
11	correction		switch	predetermined
12	calculate		specify	device
13	switch		transmit	satisfy
14	specify		person	status
15	person		receive	means
16	external		external	output
17	same		system	external
18	system		satisfy	detect
19	generate		memory	occur
20	purpose		display	time
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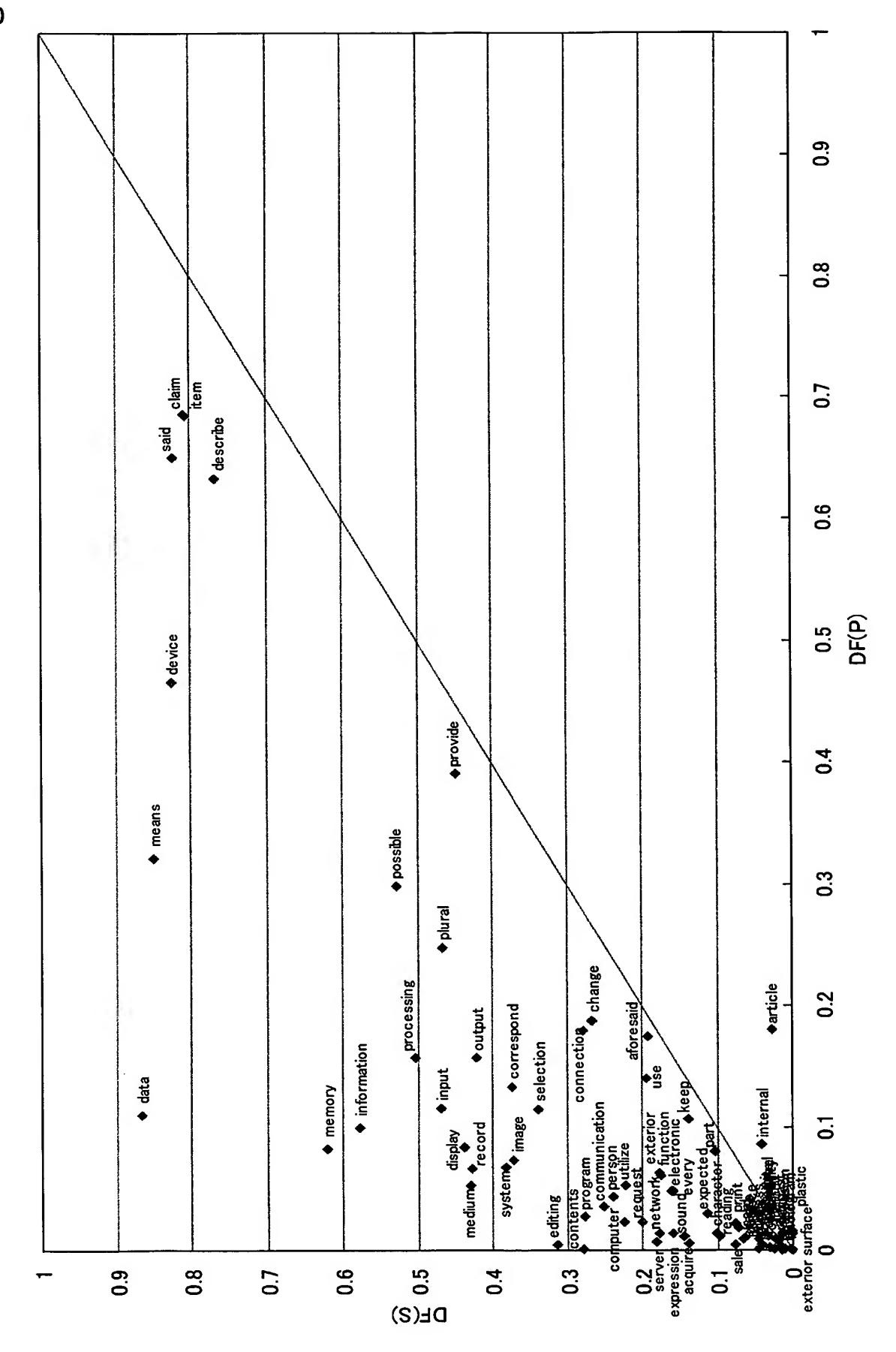
"Hair Shampoo"
Extracted up to 20 words from each area

Order of	a : Original		c:Similar documents	
X' value		b:Specialty terms	prescribed terms	d : General terms
1	comb	fly away	amphoteric	said
2	mL	Polyoxyethylene oleate	hair	the
3	potassium	methylcarboxybetaine	hydroxyalkyl	body
4	medicinal effect	dialkyl diallyl ammonium	bubbles	state
5	age	dried	skin	characterized
6	act	methylglucoside	anion	after
7	external use	creamy	cation	usage
8	damage	mile	fatty acid	claim
9	medium	wash hair	silicone	item
10	static charge	shampoo	ammonium	describe
11	handling		rinse aid	provide
12	accumulation		alkenyl	invention
13	protein		hydrosoluble	etc.
14	trouble		alcoholic	change
15	process		alcohol	range
16	parallel use		interface	use
17	finger		remainder	less
18	long time		methyl	exist
19	long term		feeling	degree
20	brush		sum	amount





"External Auxiliary Storage Device" DF Plane



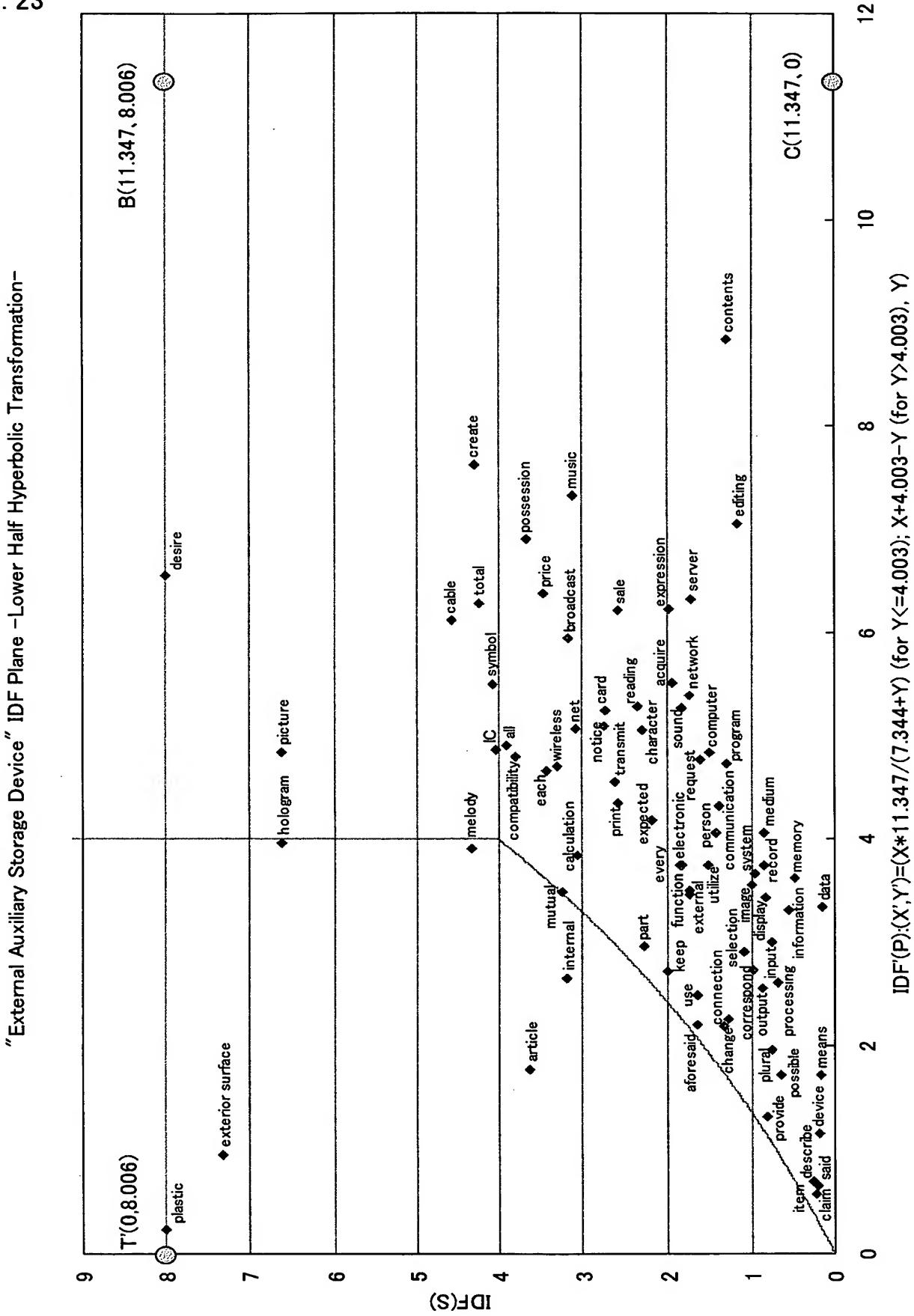
12 C(11.347,0) B(11.347, 8.006) ◆ contents 10 "External Auxiliary Storage Device" IDF Plane -Linear Transformation-◆editing create every electronic sound every electronic sound change function external request electronic sound change onnection external request electronic sound every electronic entry electronic electr ∞ **♦**music ◆ possession IDF'(P):(X',Y')=(X+4.003-Y, Y) ♦ sale broadcast ◆ price desire character ♦ total ◆ cable notice + card 9 print
transmit ♦ symbol each ual ♦wireless calculation ♦net ◆ picture compatibility all 4 D(4.003,0) ♣ hologram **♦** mutual melody part provide aforesaid claim ◆internal ◆ article ◆ exterior surface 2 T'(0,8.006) plastic 0 9 ß 4 6 ∞ က ~ 0 IDE(2)

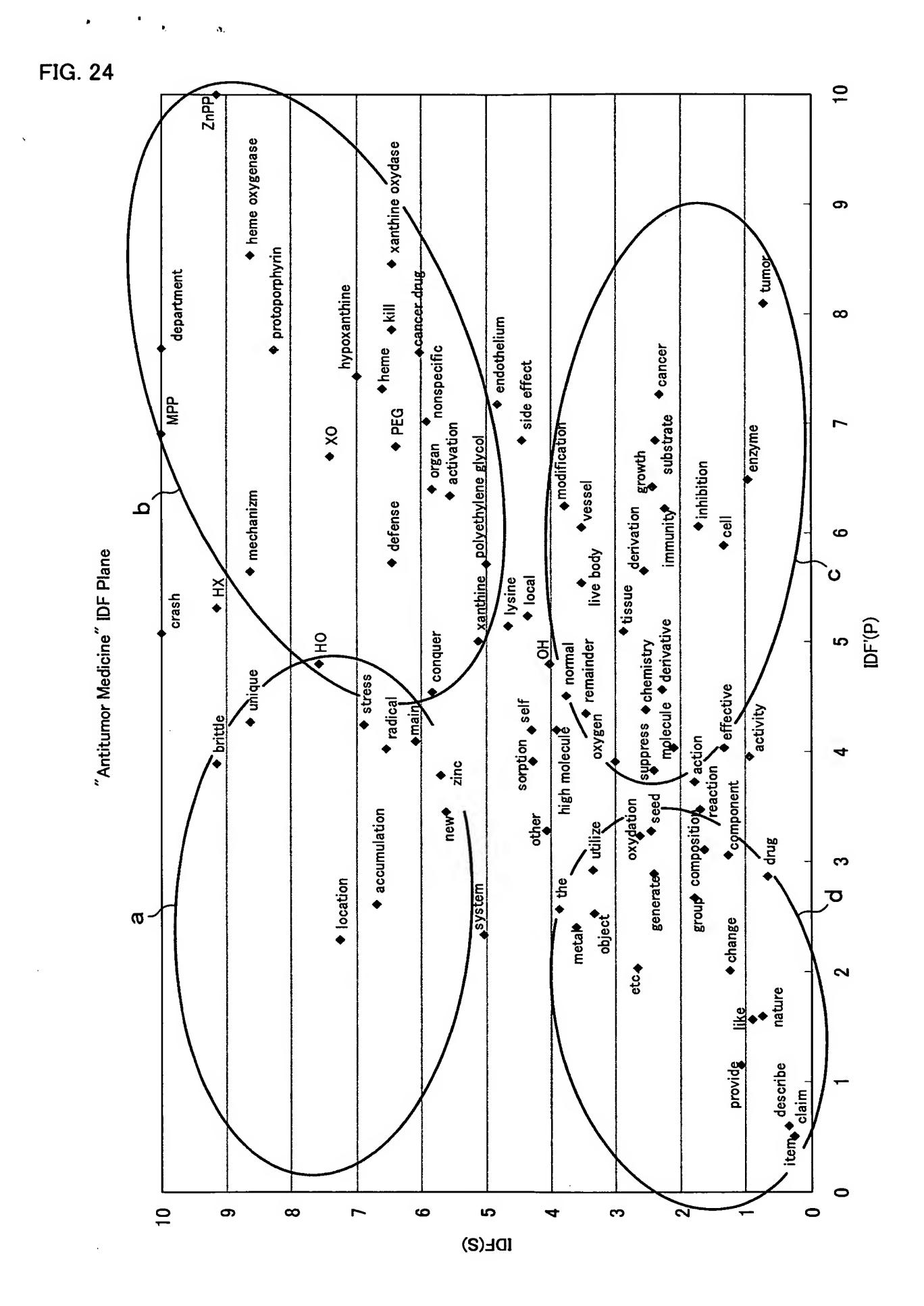
"External Auxiliary Storage Device" IDF Plane -Scale Transformation-

19,

10 **♦**contents 6 desire ◆create ∞ ◆possession ♦ editing expression ◆price ◆cable ♦total broadcast sale ◆ hologram ◆ picture IDF'(P): (X',Y')=(X*(α + β 2/2)/(Y+ α), Y) 9 sound acquire request network computer symbol ◆ reading notice +card reading connection atilize communication program correspond to the communication program processing input display record medium **♦**net compatibility all character♠ ◆transmit വ ♦ melody ◆ calculation print♦ exterior surface expected ◆ memory 4 ♦ mutual ◆data information plastic ◆part ♦internal က change connection keep aforesaid ◆article ♦ means plural posible 8 ◆ device provide. item describe claim said 0 Ŋ
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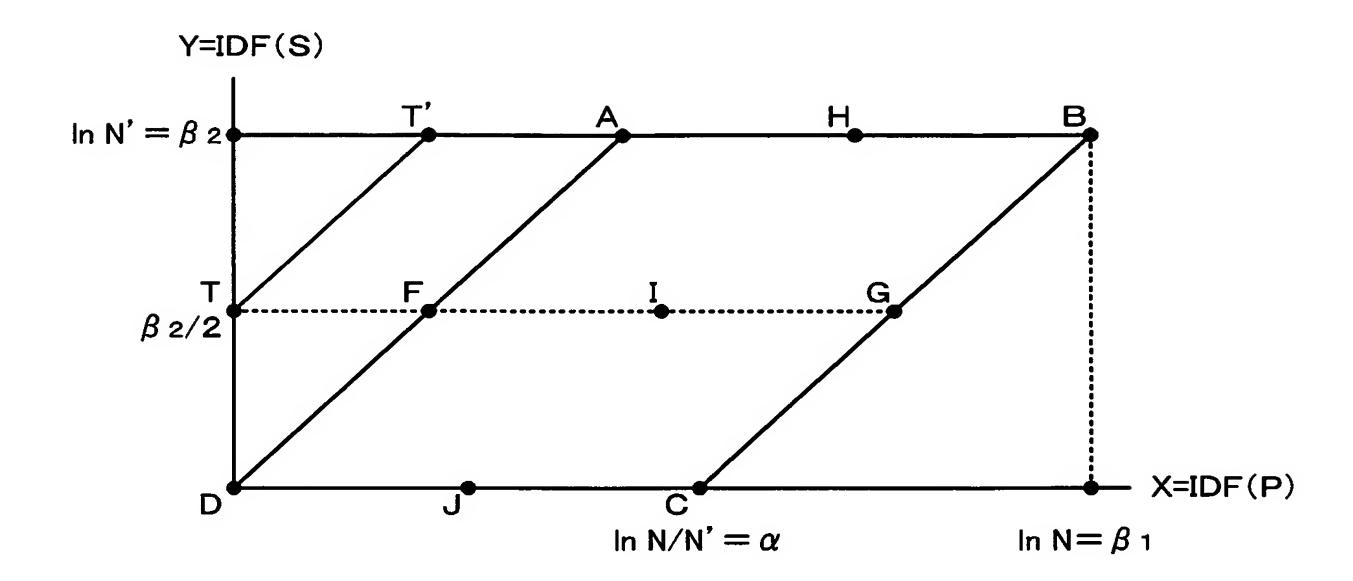
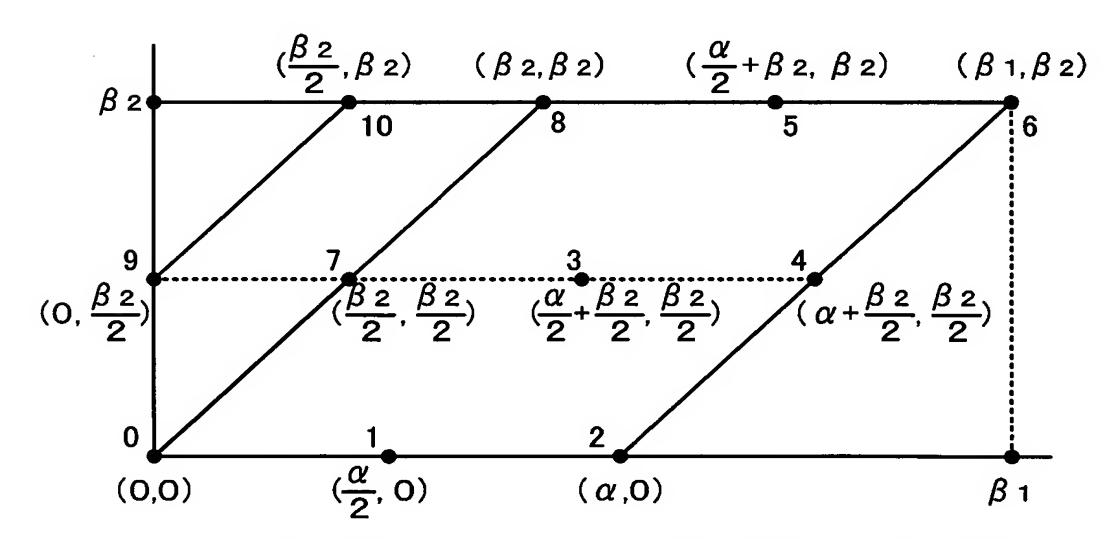


FIG. 26



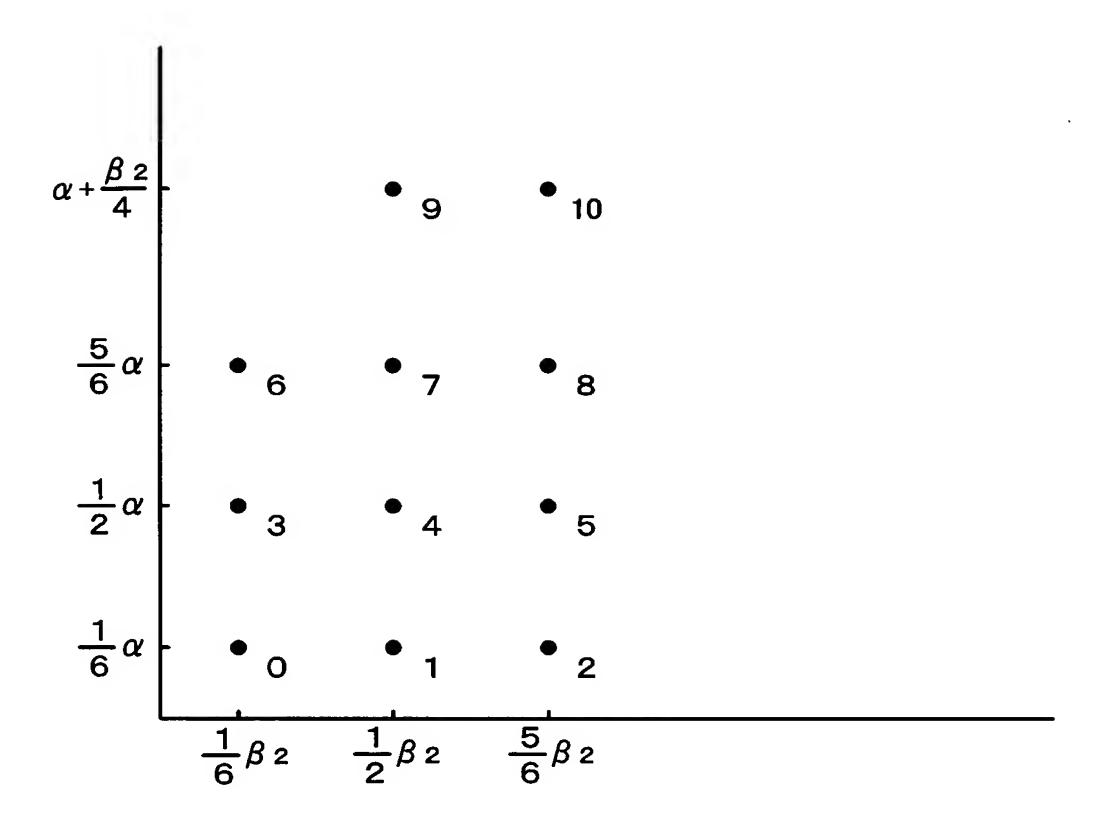
REFERENCE POINTS IN APPLICATION EXAMPLE 1 OF SOM

9 "External Auxiliary Storage Device" Application Example 1 of SOM (11-point Orthorhombic Lattice) expression **♦**contents sale ◆network ◆ broadcast S character +card Symbol notice • expected +net **♦**transmit ◆ create each wireless music $\boldsymbol{\omega}$ ω changes connection computer person program communication c print **♦server** use request external function +sentonection desire possesstion က ◆ picture ◆ price calculation ◆ part possible processing processing possible memory information provide plural output input display keep mutua article ◆ cable ◆ hologram 2 internal aforesaid ◆ exterior surface utilize ♦device ♦means item describe plastic > 0 0 ∞ 9 Ŋ က ~ 4

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REFERENCE POINTS IN APPLICATION EXAMPLE 2 OF SOM

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◆ contents 10 "External Auxiliary Storage Device" Application Example 2 of SOM (11-point Lattice Inverse Transformation) ◆editing ◆ music ∞ ◆ possession ◆expression **♦**server desire sale ◆price ◆broadcast ♦ total ◆ cable acquire♦ network♦ person

corresponde selection

corresponde input fecord

provide plural fisplay

possible processing information ◆ symbol 9 $\boldsymbol{\omega}$ utilize describe said item said temes item device means <u>∪</u> ♦nse keep melody hologram♦ request aforesaid

computer 4 ♦program character ♦medium ◆ memory ◆ data notice + card communication external function re print transmit •net article ◆ wireless expected. exterior surface 2 compatibility • all ◆calculation each part ◆ plastic > 0 b 4 ∞ 0

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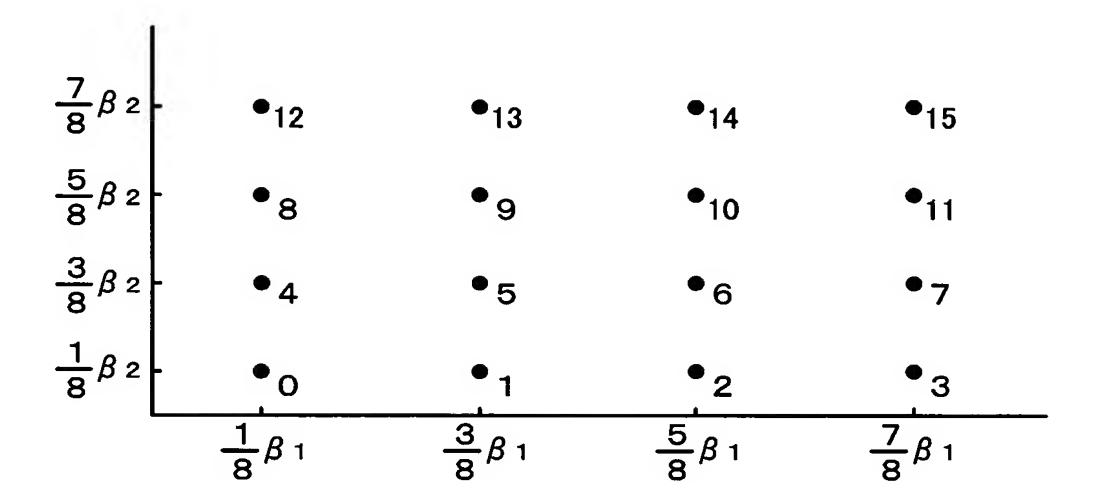
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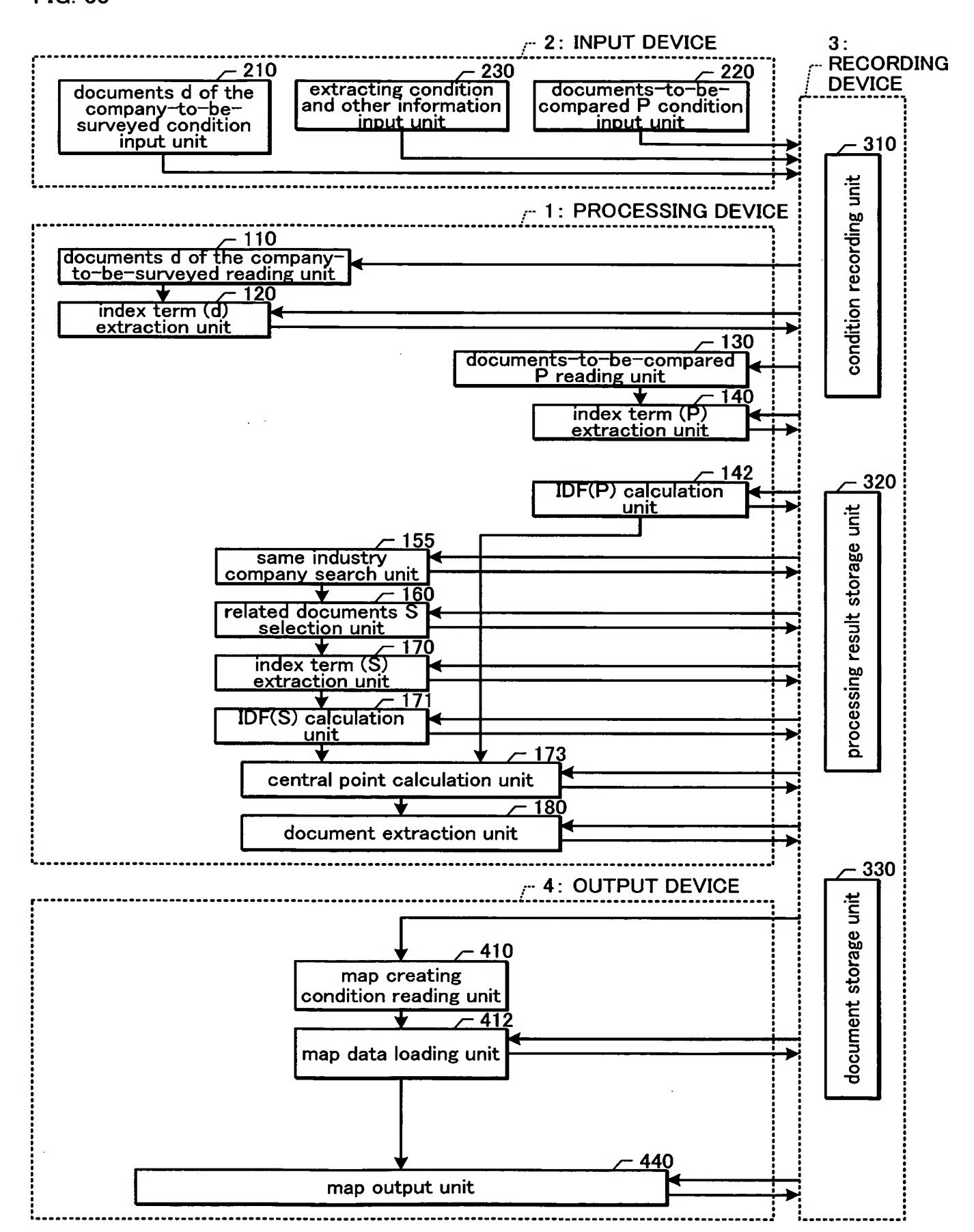
REFERENCE POINTS IN APPLICATION EXAMPLE 3 OF SOM

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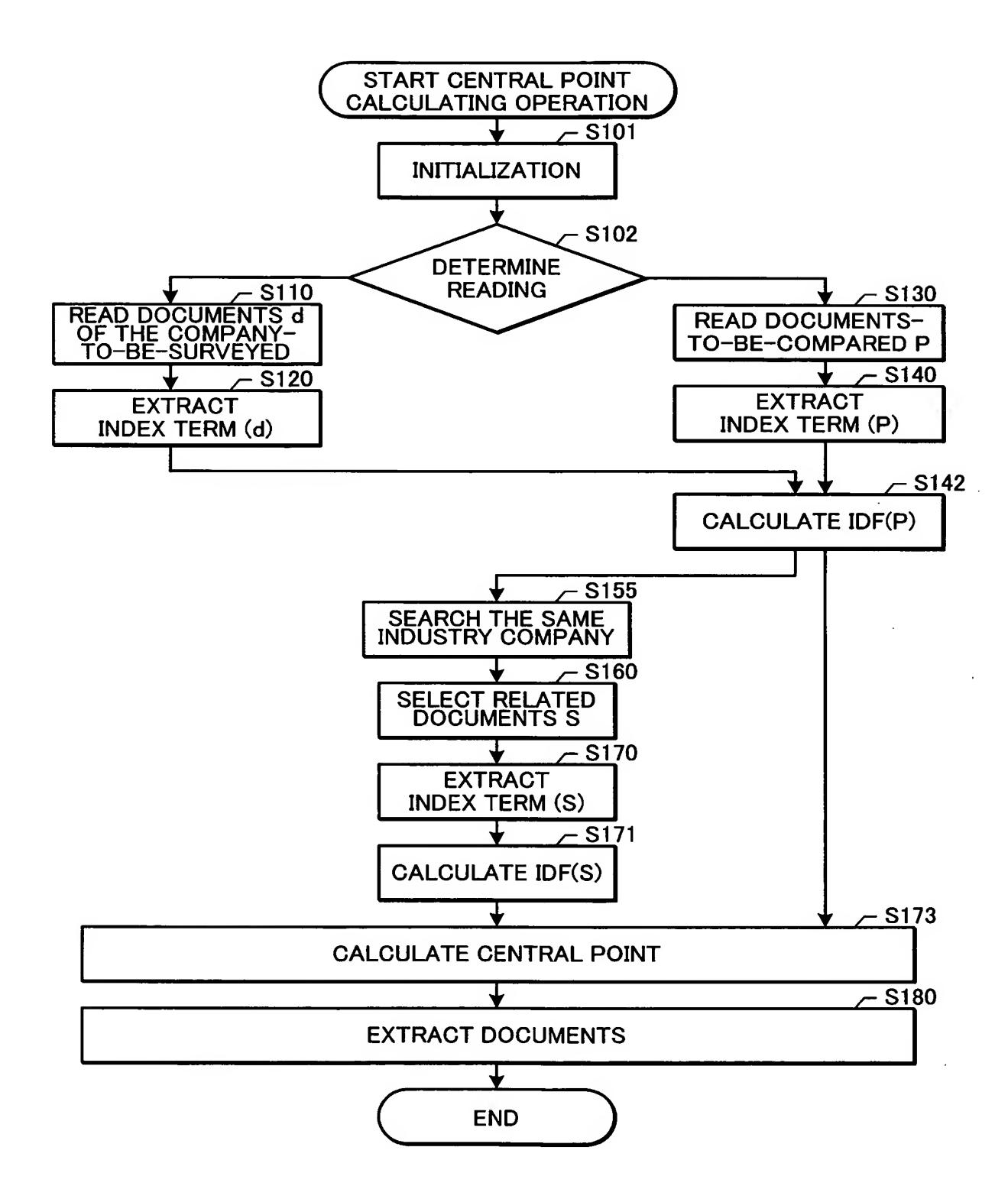
contents expression Application Example 4 of SOM (Multi-dimensional Input) 9 ♦ sale ◆acquire ◆ price ◆ broadcast ◆computer **♦**editing വ ◆ reading sound aforesaid ◆ create ◆ symbol print + + card ♦ music **♦**server **▶**possession net 4 medium external every electronic request etwork function person communication utilize election connection correspond image system election connection correspond image system input display record me $\boldsymbol{\omega}$ $\boldsymbol{\omega}$ wireless ◆ picture compatibility each 2 desire processing information memory ◆part ◆ total calculation keep ◆character "External Auxiliary Storage Device" က ◆cable data♦ ◆ hologram article ◆ melody mutual♦ exterior surface ◆ internal ♦device ♦means bossible ** 2 provide • item describe ◆change ♦ nse plastic 0 ∞ 9 S 0 _ 4 က ~ > Ω

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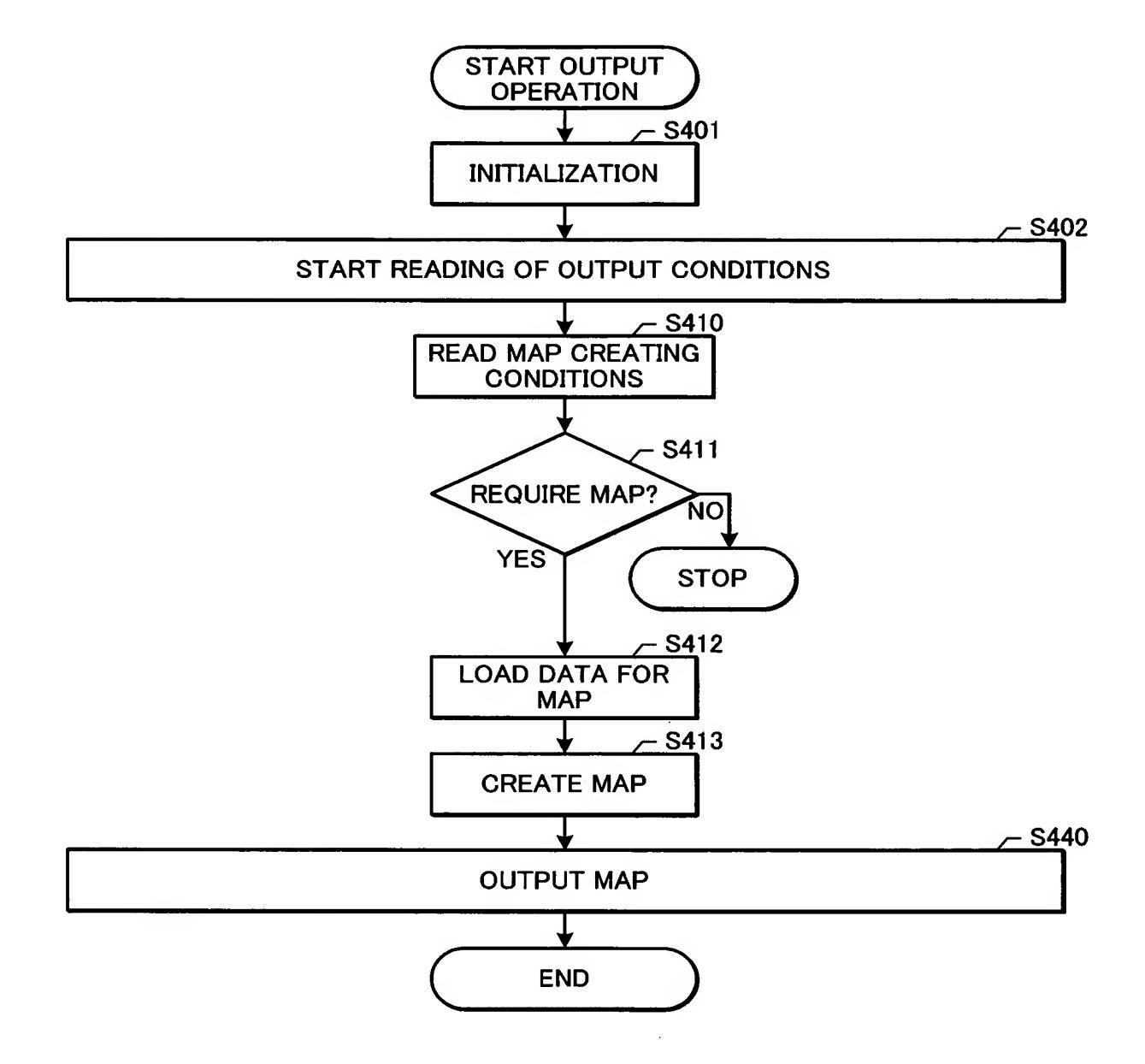
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□ Company A (Similar) ° , 0 0 4 ~ 0 9 വ 10 g ∞ က 8 0 4

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